ABSTRACT AND BIOGRAPHY

Implementing EVM on the Constellation Program

Earned Value Management (EVM) has been around for many years, but the implementation of EVM on in-house government projects is a relatively new concept for the NASA community. While engaged in many projects requiring the implementation of EVM within NASA, the Constellation Program has led the innovation toward integrating cost and schedule data while improving project management for the agency. This study will outline the challenges faced by the Constellation team to determine the best approach, the tools selection to improve the efficiency and quality of the data, the standardized reporting techniques developed, and the monthly program review formats that were put in place to monitor the performance of the entire Constellation Program. An in depth look at the processes developed for each of these steps will provide you with the lessons learned in providing an enterprise solution to the complex needs of a NASA Program.

David Warren
NASA Agency wInsight Administrator
BCF Solutions, Inc.

Mr. Warren has seven years experience in contract/program analysis for the DOD and NASA. His primary responsibilities have included the maintenance and oversight of wInsight databases for local office and GMD (Ground-Based Midcourse Defense) in Huntsville, Alabama. Currently Mr. Warren is working for BCF Solutions, Inc. as wInsight Administrator for the NASA Agency-Wide EVM server. Duties also include training and developing new processes for the Earned Value community at NASA.

Mr. Warren's experience has led to many groundbreaking solutions associated with implementing EVM processes throughout NASA. He has co-developed wInsight solutions such as XML Connect, NASA's Standard Management Report and support for all things earned-value.

Glen Harrison
Sr. Systems Analyst
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Mr. Harrison is a Senior Systems Analyst supporting the Performance and Capabilities Management Office at the Marshall Space Flight Center (MSFC) in Huntsville, Alabama. He has worked in the IT industry for over 10 years with knowledge and experience in Systems Administration, Network Administration, Systems Analysis, Software Engineering and Database Administration. His primary customers have been companies such as: British Petroleum (BP), Shell Oil, Marathon Oil, and NASA.

Mr. Harrison is currently supporting MSFC in the development of earned value management (EVM) tools and processes required for in-house government project implementations. He has been the primary co-developer in the creation of multiple

program control support tools such as: XML Connect, Schedule Test and Assessment Tool (STAT), and various other utilities that automate the creation of reports and graphs for NASA's project management community.